

NOV 12 2002
 U.S. PATENT & TRADEMARK OFFICE

PTO/SB/08B (10-01)
 Approved for use through 10/31/2002. OMB 0851-0031
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/811,285
		Filing Date	03/16/2001
		First Named Inventor	Connie M. Drysdale
		Group Art Unit	1646
		Examiner Name	Joseph Murphy
Sheet 1 of 1	Attorney Docket Number	MWH-0303US2	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BQ GenBank Accession Number J02960.1 GI:178203. February 13, 1996.	
		BR GenBank Accession Number AC011334.5 GI:17105283. November 27, 2001.	
		BS GenBank Accession Number AC116312.2 GI:19774486. November 28, 2002.	

Examiner Signature	Date Considered
	11-18-02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-96)
App. for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 1 of 3

Application Number	09/811,285
Filing Date	03/16/2001
First Named Inventor	Stephen B. Liggett
Group Art Unit	
Examiner Name	
Attorney Docket Number	MWH-0303US2

JUN 25 2007
TECH CENTER 1600/2900

RECEIVED

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date Considered

11-1807

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box

PTO/SB/08B (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

of 3

Complete if Known

Application Number 09/811285
Filing Date 03/16/2001
First Named Inventor Stephen B. Liggett
Group Art Unit
Examiner Name
Attorney Docket Number MWH-0303US2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BA		BUSJAHN, ANDREAS ET AL., "B-2 Adrenergic Receptor Gene Variations, Blood Pressure, and Heart Size in Normal Twins," Hypertension, Vol.35, p.555-560, 2000.	
BB		D'AMATO, MAURO ET AL., "Association of Persistent Bronchial Hyperresponsiveness with B2-Adrenergic (ADRB2) Haplotypes," Am. J. Respir. Crit. Care. Med, Vol. 158, p. 1968-1973, 1998.	
BC		DEWAR, J.C. ET AL., "B2-Adrenoceptor Polymorphisms are in Linkage Disequilibrium, but are not Associated with Asthma in an Adult Population," Clinical and Experimental Allergy, Vol. 28, p.442-448, 1998.	
BD		HANCOX, R.J. ET AL., "Polymorphism of the B2-Adrenoceptor and the Response to long-term B2-Agonist Therapy in Asthma," Eur. Respir. J., Vol. 11, p. 589-593, 1998.	
BE		LARGE, VALERIE ET AL., "Human Beta-2 Adrenoceptor Gene Polymorphisms Are Highly Frequent in Obesity and Associate with Altered Adipocyte Beta-2 Adrenoceptor Function," J. Clin. Invest., Vol. 100 (No.12), p.3005-3013, 1997.	
BF		LIPWORTH, B.J. ET AL., "B2-Adrenoceptor Polymorphism and Bronchoprotective Sensitivity with Regular Short- and Long-Acting B2-agonist Therapy," Clinical Science, Vol. 96, p. 253-259, 1999.	
BG		MARTINEZ, FERNANDO D. ET AL., "Association Between Genetic Polymorphisms of the B2-Adrenoceptor and Response to Albuterol in Children With and Without a History of Wheezing," J. Clin. Invest., Vol. 100 (No.12), p. 3184-3188, 1997.	
BH		MCGRAW, DENNIS W. ET AL., "Polymorphisms of the 5' Leader Cistron of the Human B2-Adrenergic Receptor Regulate Receptor Expression," J. Clin. Invest., Vol. 102 (No.11), p. 1927-1932, 1998.	
BI		REIHSANUS, ELLEN ET AL., "Mutations in the Gene Encoding for the B2-Adrenergic Receptor in Normal and Asthmatic Subjects," Am. J. Respir. Cell. Mol. Biol., Vol. 8, p. 334-339, 1993.	
BJ		SCOTT, MARK G.H. ET AL., "Identification of Novel Polymorphisms within the Promoter Region of the Human B2-Adrenergic Receptor Gene," British Journal of Pharmacology, Vol. 126, p. 841-844, 1999.	
BK		TIMMERMANN, BERND ET AL., "B-2 Adrenoceptor Genetic Variation is Associated with Genetic Predisposition to Essential Hypertension: The Bergen Blood Pressure Study," Kidney International, Vol. 53, p. 1455-1460, 1998.	

Examiner
Signature

Date
Considered

11-18-07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number	09/811,285
Filing Date	03/16/2001
First Named Inventor	Stephen B. Liggett
Group Art Unit	
Examiner Name	
Attorney Docket Number	MWH-0303US2

(use as many sheets as necessary)

Sheet

of

2

Attorney Docket Number	MWH-0303US2
------------------------	-------------

JUN 21 2001

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

11-18-07

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

